



Approval #

980004-U
(Replaces 920080-U)

Safety & Buildings Division
201 West Washington Avenue
P.O. Box 2689
Madison, WI 53701-2689

Wisconsin Material Approval

Material

Steel Containment Dike

Manufacturer

USEMCO, Inc.
1602 Rezin Road
P. O. Box 583
Tomah, Wisconsin 54660

SCOPE OF EVALUATION

The Steel Containment Dike manufactured by USEMCO, Inc., has been evaluated in accordance with **section ILHR 10.345 (1)** of the Wisconsin Administrative Flammable and Combustible Liquids Code.

DESCRIPTION AND USE

USEMCO Containment Dikes are designed to contain tanks of up to 10,000 gallons capacity. They are fabricated of A-36 steel, either 10 gage or 1/4 inch in thickness. They are factory coated with red oxide primer. Additional corrosion resistant coatings may be applied at the factory or in the field.

TESTS AND RESULTS

Calculations are on file showing full hydrostatic loading conditions for the various configurations.

LIMITATIONS OF APPROVAL

The capacity of the dike system shall be 25 percent larger than the tank which it contains in accordance with **s. ILHR 10.345 (1)(a)**.

When placed in service, the dike shall have provisions for the removal of rainwater in accordance with **s. ILHR 10.345 (1)(b)**.

Vehicle collision protection shall be provided in accordance with **s. ILHR 10.415 (8)(a)**.

There shall be at least 1 foot of clearance between the tank and the dike walls and the tank bottom and the dike floor to allow for visual inspection of the tank in accordance with **s. ILHR 10.415 (13)(a) 1**.

The foundation shall be designed to support the tank and dike system on a well-drained bed of stable material which prevents uneven settling and is designed to minimize corrosion of the dike bottom.

This approval will be valid through December 31, 2003, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Reviewed by: _____

Approval Date:_____ By:_____

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